

Form PTO-1449

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Patent and Trademark OfficeAtty. Docket No.  
61152-A/JPW/AJMSerial No.  
09/769,699INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)Applicants  
Saul J. Silverstein, et al.Filing Date  
January 25, 2001

Group 1636

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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		Document Number							Date	Country	Class	Subclass	Translation	
		Yes	No											

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Annunziato, P., O. Lungu, A. Gershon, D. Silvers, P. LaRussa, and S. Silverstein. 1996. In situ hybridization detection of varicella zoster virus in paraffin-embedded skin biopsy samples. Clin. Diagn. Virol. 7:69-76. (Exhibit 1)
	Arvin, A. 1996. Varicella-zoster virus, p. 2547-2585. In B.N. Fields, D.M. Knipe, and P.M. Howley (ed.), Fields virology, 3 <sup>rd</sup> ed., vol. 2. Lippincott-Raven Publishers, Philadelphia, Pa. (Exhibit 2)
	Asano, Y., N. Itakura, Y. Hiroishi, S. Hirose, T. Nagai, T. Ozaki, T. Yazaki, Y. Yamanishi, and M. Takahashi. 1985. Viremia is present in incubation period in nonimmunocompromised children with varicella. J. Pediatr. 106: 69-71. (Exhibit 3)
	Assouline, J.G., M. J. Levin, E. O. Major, B. Forghani, S. Straus, and J.M. Ostrove. 1990. Varicella-zoster virus infection of human astrocytes, Schwann cells, and neurons. Virology 179:834-843. (Exhibit 4)
AA	Cohen, J., and S. Straus. 1996. Varicella-zoster virus and its replication, p. 2525-2546. In B. N. Fields, D.M. Knipe, and P.M. Howley (ed.), Fields virology, 3 <sup>rd</sup> ed., vol. 2. Lippincott-Raven Publishers, Philadelphia, PA. (Exhibit 5)

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Gerald B. Peff

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AG	Cohrs, R.J., M. Barbour, and D. Gilden. 1996. Varicella-zoster virus (VZV) transcription during latency in human ganglia: detection of transcripts mapping to genes 21, 29, 62, and 63 in a cDNA library enriched for VZV RNA. J. Virol. 70:2789-2796. (Exhibit 6)
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AG	Croen, K.D., J.M. Ostrove, L.Y. Dragovic, and S.E. Straus. 1988. Patterns of gene expression and sites of latency in human ganglia are different for varicella-zoster and herpes simplex viruses. Proc. Natl. Acad. Sci. USA 85:9773-9777. (Exhibit 9)

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Arnold &amp; Toffi

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AA	Esiri, M., and A. Tomlinson. 1972. Herpes zoster: demonstration of virus in trigeminal nerve and ganglion by immunofluorescence and electron micro-copy. J. Neurol. Sci. 15:35-48. (Exhibit 10)
	Hope-Simpson, R.E. 1965. The nature of herpes zoster: a long term study and a new hypothesis. Proc. R. Soc. Med. 58:9-20. (Exhibit 11)
	Kennedy, P., E. Grinfeld, and J. Gow. 1998. Latent varicella-zoster virus is located predominantly in neurons in human trigeminal ganglia. Proc. Natl. Acad. Sci. USA 95:4658-4662. (Exhibit 12)
	Kinchington, P., J. Hougland, A. Arvin, W. Ruyechan, and J. Hay. 1992. The varicella-zoster virus immediate-early protein IE62 is a major component of virus particles. J. Virol. 66:359-366. (Exhibit 13)
	Kinchington, P.R., D. Bookey, and S.E. Turse. 1995. The transcriptional regulatory proteins encoded by varicella-zoster virus open reading frames (ORFs) 4 and 63, but not ORF 61, are associated with purified virus particles. J. Virol. 69:4274-4282. (Exhibit 14)
✓ AA	Kinchington, P.R., P. Ling, M. Pensiero, W.T. Ruyechan, and J. Hay. 1990. The glycoprotein products of varicella-zoster virus gene 14 and their defective accumulation in a vaccine strain (Oka). J. Virol. 64:4540-4548. (Exhibit 15)

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AK2	Koropchak, C., G. Graham, J. Palmer, M. Winsberg, S. Ting, M. Wallace, C. Prober, and A. Arvin. 1991. Investigation of varicella-zoster virus infection by polymerase chain reaction in the immunocompetent host with acute varicella. J. Infect. Dis. 163:1016-1022. (Exhibit 16)
	Lungu, O., P. Annunziato, A. Gershon, S. Stegatis, D. Josefson, P. LaRussa, and S. Silverstein. 1995. Reactivated and latent varicella-zoster virus in human dorsal root ganglia. Proc. Natl. Acad. Sci. USA 92:10980-10984. (Exhibit 17)
	Lungu, O., C. Panagiotidis, P. Annunziato, A. Gershon, and S. Silverstein. 1998. Aberrant intracellular localization of varicella-zoster virus regulatory proteins during latency. Proc. Natl. Acad. Sci. USA 95:7080-7085. (Exhibit 18)
	Mahalingam, R., M. Wellish, R. Cohrs, S. Debrus, J. Piette, B. Rentier, and D. Gilden. 1996. Expression of protein encoded by varicella-zoster virus open reading frame 63 in latently infected human ganglionic neurons. Proc. Natl. Acad. Sci. USA 93:2122-2124. (Exhibit 19)
V AK2	Mainka, C., B. Fuss, H. Geiger, H. Hofelmayr, and M. Wolff. 1998. Characterization of viremia at different stages of varicella-zoster virus infection. J. Med. Virol. 56:91-98. (Exhibit 20)

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APD	Mazur, H., and R. Dolin. 1978. Herpes zoster at the NIH: a 20 year experience. Am. J. Med. 65:738-744. (Exhibit 21)
	Meier, J. L., R. P. Holman, K. D. Croen, J.E. Smialek, and S.E. Strauss. 1993. Varicella-zoster virus transcription in human trigeminal ganglia. Virology 193:193-200. (Exhibit 22)
	Nikkels, A., P. Delvenne, S. Debrus, C. Sadzot-Delvaux, J. Piette, B. Rentier, and G. Pierard. 1995. Distribution of varicella-zoster virus gpl and gpII and corresponding genome sequences in the skin. J. Med. Virol. 46:91-6. (Exhibit 23)
	Nikkels, A.F., B. Rentier, and G.E. Pierard. 1997. Chronic varicella-zoster virus skin lesions in patients with human immunodeficiency virus are related to decreased expression of gE and gB. J. Infect. Dis. 176:261-264. (Exhibit 24)
APD	Nikkels, A.F., S. Debrus, C. Sadzot-Delvaux, J. Piette, P. Delvenne, B. Rentier, and G.E. Pierard. 1993. Comparative immunohistochemical study of herpes simplex and varicella-zoster infections. Virchows Arch. A 422:121-126. (Exhibit 25)

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<i>AD</i>	Sadzot-Delvaux, C., M.-P. Merville-Louis, P. Delree, P. Marc, G. Moonen, and B. Rentier. 1990. An in vivo model of varicella-zoster virus latent infection of dorsal root ganglia. J. Neurosci. Res. 26:83-89 (Exhibit 26)
<i>AD</i>	Sawyer, M.H., Y.N. Wu, C.J. Chamberlin, C. Burgos, S.K. Brodine, W.A. Bowler, A. LaRocco, E.C. Oldfield, and M. R. Wallace. 1992. Detection of varicella-zoster viruses DNA in the oropharynx and blood of patients with varicella. J. Infect. Dis. 166:885-888 (Exhibit 27)

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**Exhibit 1**